

DT07 Rec'd PCT/PTO 0 1 OCT 2004

10/509861

Docket No. : **HM-598PCT**  
U.S. Application No. :  
International Application No. : **PCT/EP03/02384**  
International Filing Date. : **March 8, 2003**  
Priority Dates Claimed : **April 27, 2002 and November 19, 2002**  
Title of Invention : **ADJUSTMENT OF HEAT TRANSFER IN CONTINUOUS CASTING MOULDS  
IN PARTICULAR IN THE REGION OF THE MENISCUS**  
Applicant(s) for (DO/EO/US) : **Dirk Mangler, Markus Reifferscheid and Uwe Plociennik**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures 35 U.S.C. 371 (f) at any time rather than delay examination until the expiration of the applicable time limit set forth in 35 U.S.C 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed [35 U.S.C. 371(c)(2)].
  - a) ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b) ☐ has been transmitted by the international Bureau.
  - c) ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English [35 U.S.C.371(c)(2)].
7. ☐ Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C.371(c)(3)].
  - a) ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b) ☐ have been transmitted by the International Bureau.
  - c) ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d) ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 [35 U.S.C.371(c)(3)].
9. ☒ An oath or declaration of the inventor(s) [35 U.S.C.371(c)(4)].
10. ☐ A translation of the International Preliminary Examination Report.

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 198.
12. ☒ An Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ (other items or information) Nine sheets of drawings, PTO-1449 w/12 references and International Search Report

EXPRESS MAIL No.: EV 424 021 598 US Deposited: October 1, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service Express mail under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Friedrich Kueffner

October 1, 2004  
Date

10/509861

DT09 Rec'd PCT/PTO 01 OCT 2004

U.S. Application No. (if known, see 37 C.F.R. 1.50):  
International Application No.: PCT/EP03/02384Page 2  
Docket No: HM-598PCT17. ☒ The following fees are submitted:

## BASIC NATIONAL FEE [37 CFR 1.492(a)(1)-(5)]:

- ☒ Search Report has been prepared by the EPO or JPO..... \$ 950.00
- ☐ International preliminary examination fee paid to USPTO [37 CFR 1.482]:..... \$ 750.00
- ☐ No International preliminary examination fee paid to USPTO [37 CFR 1.482]  
but International search fee paid to USPTO [37 CFR 1.445(a)(2)]:..... \$ 790.00
- ☐ Neither International preliminary examination fee [37 CFR 1.482] nor  
International search fee [37 CFR 1.445(a)(2)] paid to USPTO:..... \$ 1110.00
- ☐ International preliminary examination fee paid to USPTO [37 CFR 1.482]  
and all claims satisfied provisions of PCT Article 33 (2) to (4):..... \$ 100.00

ENTER APPROPRIATE BASIC FEE AMOUNT: \$ 950.00

Surcharge of \$ 130.00 for furnishing the oath or declaration later than 20 30 months  
from the earliest claimed priority date [37 CFR 1.492(e)]

Claims	filed	Extra	Rate
Total Claims	5	-20=	X \$ 18.=
Indep. Claims	1	-3=	X \$ 88.=
Multiple Dependent Claims (if applicable) + \$ 300.=			

TOTAL OF ABOVE CALCULATIONS: \$ 950.00

Small Entity Status is being claimed

(divided by 2)

SUBTOTAL: \$ 950.00

Processing fee of \$ 130.00 for furnishing the English Translation later than 20 30 months  
from the earliest claimed priority date [37 CFR 1.492(f)]

TOTAL NATIONAL FEE: \$ 950.00

Fee for recording the enclosed assignment [37 CFR 1.21(h)] The assignment must be  
accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$ 40.00 per property

TOTAL FEES ENCLOSED: \$ 990.00

AMOUNT TO BE REFUNDED: Refunded \$

AMOUNT TO BE CHARGED: Charged \$

- a) ☒ A check in the amount of \$ 990.00 to cover the above fees is enclosed.
- b) ☐ Please charge my Deposit Account No. 11-1835 in the amount of \$ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c) ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 11-1835. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 36 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must  
be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Friedrich Kueffner  
317 Madison Avenue  
Suite 910  
New York, NY 10017Friedrich Kueffner  
Name
  
signature
29,482  
Reg. No.October 1, 2004  
Date

CUSTOMER NUMBER: 00040570